

- 47 -

ABSTRACT OF THE DISCLOSURE

According to the present invention, a code selection device wherein, an unused spreading code, or one of a plurality of unused spreading codes, is selected for allocation to a new communication channel, comprises: a dummy spreading signal generator for despread-
ing dummy original data by using the unused spreading code or codes available for employment, and generating dummy spreading signals; a superimposing unit for superimposing the dummy spreading signals and received signals and forming pseudo superimposed signals; a despread-
ing unit for despread-
ing the pseudo superimposed signals by using the unused spreading codes related to the corresponding pseudo superimposed signals, and the spreading codes already used for communication channels that previously have been established; and a spreading code selector for selecting an unused spreading code based on data for the communication channels reproduced for the pseudo superimposed signals and the reproduced dummy original data. With this configuration, a method can be provided whereby, in accordance with the usage condition of a network, a code sequence having a preferable correlation property can be selected, from among a number of code sequences that are generated, and allocated to a communication channel.